

In the Claims

The following Listing of Claims replaces all prior versions in the application:

LISTING OF CLAIMS

1. (Currently amended) An electron tube, comprising:  
an electrically insulating wall portion;  
a multistage depressed collector (MSDC) including:  
a first electrode adapted to collect electrons of a first energy level impacting the first electrode, the first electrode formed on an inside portion of said insulating wall portion and ~~comprising~~ consisting of a metallization layer formed on said inside portion of said insulating wall portion;  
a second electrode adapted to collect electrons of a second energy level impacting the second electrode; and  
an insulating portion for electrically isolating said first and second electrodes from one another; and  
an electrical path coupling said first electrode to a terminal on an exterior of the tube.
2. (Canceled)

3. (Original) An electron tube in accordance with claim 1, wherein said electrically insulating wall portion comprises a ceramic material.
4. (Canceled)
5. (Original) An electron tube in accordance with claim 3 wherein said tube further comprises a fluid cooling apparatus in thermal contact with an exterior of said tube.
6. (Canceled)
7. (Original) An electron tube in accordance with claim 5 wherein said ceramic comprises a material selected from the group consisting of: aluminum oxide, beryllium oxide and aluminum nitride.
8. (Previously presented) An electron tube in accordance with claim 3 wherein said tube further comprises a fluid cooling apparatus in thermal contact with an exterior of said tube.
- 9-15. (Canceled)